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RAW SEQUENCE LISTING DATE: 08/29/2000
 PATENT APPLICATION: US/09/640,737 TIME: 13:03:14

Input Set : A:\36668seq.txt
 Output Set: N:\CRF3\08292000\I640737.raw

ENTERED

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:
 6 (i) APPLICANT: Mandelkow, Eva-Maria
 7 Mandelkow, Eckhard
 8 Lichtenberg-Kraag, Birgit
 9 Biernat, Jacek
 10 Drewes, Gerard
 11 Steiner, Barbara
 13 (ii) TITLE OF INVENTION: Novel Tools For The Diagnosis And
 14 Treatment Of Alzheimer's Disease
 16 (iii) NUMBER OF SEQUENCES: 1
 18 (iv) CORRESPONDENCE ADDRESS:
 19 (A) ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
 20 (B) STREET: 233 South Wacker Drive, 6300 Sears Tower
 21 (C) CITY: Chicago
 22 (D) STATE: Illinois
 23 (E) COUNTRY: United States of America
 24 (F) ZIP: 60606-6402
 26 (v) COMPUTER READABLE FORM:
 27 (A) MEDIUM TYPE: Tape
 28 (B) COMPUTER: IBM PC compatible
 29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
 32 (vi) CURRENT APPLICATION DATA:
 C--> 33 (A) APPLICATION NUMBER: US/09/640,737
 C--> 34 (B) FILING DATE: 17-Aug-2000
 35 (C) CLASSIFICATION:
 37 (vii) ATTORNEY/AGENT INFORMATION:
 38 (A) NAME: Joseph A. Williams, Jr.
 39 (B) REGISTRATION NUMBER: 38,659
 40 (C) REFERENCE/DOCKET NUMBER: 28384/32777
 42 (ix) TELECOMMUNICATION INFORMATION:
 43 (A) TELEPHONE: 312-474-6300
 44 (B) TELEFAX: 312-484-0448
 45 (C) TELEX: 25-3856
 47 (2) INFORMATION FOR SEQ ID NO: 1:
 49 (i) SEQUENCE CHARACTERISTICS:
 50 (A) LENGTH: 441 amino acids
 51 (B) TYPE: amino acid
 52 (C) STRANDEDNESS: single
 53 (D) TOPOLOGY: linear
 55 (ii) MOLECULE TYPE: protein
 57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
 59 Met Ala Glu Pro Arg Gln Glu Phe Glu Val Met Glu Asp His Ala Gly
 60 1 5 10 15
 62 Thr Tyr Gly Leu Gly Asp Arg Lys Asp Gln Gly Gly Tyr Thr Met His
 63 20 25 30

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65      Gln Asp Gln Glu Gly Asp Thr Asp Ala Gly Leu Lys Glu Ser Pro Leu
66      35      40      45
68      Gln Thr Pro Thr Glu Asp Gly Ser Glu Glu Pro Gly Ser Glu Thr Ser
69      50      55      60
71      Asp Ala Lys Ser Thr Pro Thr Ala Glu Asp Val Thr Ala Pro Leu Val
72      65      70      75      80
74      Asp Glu Gly Ala Pro Gly Lys Gln Ala Ala Ala Gln Pro His Thr Glu
75      85      90      95
77      Ile Pro Glu Gly Thr Thr Ala Glu Glu Ala Gly Ile Gly Asp Thr Pro
78      100     105     110
80      Ser Leu Glu Asp Glu Ala Ala Gly His Val Thr Gln Ala Arg Met Val
81      115     120     125
83      Ser Lys Ser Lys Asp Gly Thr Gly Ser Asp Asp Lys Lys Ala Lys Gly
84      130     135     140
86      Ala Asp Gly Lys Thr Lys Ile Ala Thr Pro Arg Gly Ala Ala Pro Pro
87      145     150     155     160
89      Gly Gln Lys Gly Gln Ala Asn Ala Thr Arg Ile Pro Ala Lys Thr Pro
90      165     170     175
92      Pro Ala Pro Lys Thr Pro Pro Ser Ser Gly Glu Pro Pro Lys Ser Gly
93      180     185     190
95      Asp Arg Ser Gly Tyr Ser Ser Pro Gly Ser Pro Gly Thr Pro Gly Ser
96      195     200     205
98      Arg Ser Arg Thr Pro Ser Leu Pro Thr Pro Pro Thr Arg Glu Pro Lys
99      210     215     220
101     Lys Val Ala Val Val Arg Thr Pro Pro Lys Ser Pro Ser Ser Ala Lys
102     225     230     235     240
104     Ser Arg Leu Gln Thr Ala Pro Val Pro Met Pro Asp Leu Lys Asn Val
105     245     250     255
107     Lys Ser Lys Ile Gly Ser Thr Glu Asn Leu Lys His Gln Pro Gly Gly
108     260     265     270
110     Gly Lys Val Gln Ile Ile Asn Lys Lys Leu Asp Leu Ser Asn Val Gln
111     275     280     285
113     Ser Lys Cys Gly Ser Lys Asp Asn Ile Lys His Val Pro Gly Gly Gly
114     290     295     300
116     Ser Val Gln Ile Val Tyr Lys Pro Val Asp Leu Ser Lys Val Thr Ser
117     305     310     315     320
119     Lys Cys Gly Ser Leu Gly Asn Ile His His Lys Pro Gly Gly Gly Gln
120     325     330     335
122     Val Glu Val Lys Ser Glu Lys Leu Asp Phe Lys Asp Arg Val Gln Ser
123     340     345     350
125     Lys Ile Gly Ser Leu Asp Asn Ile Thr His Val Pro Gly Gly Gly Asn
126     355     360     365
128     Lys Lys Ile Glu Thr His Lys Leu Thr Phe Arg Glu Asn Ala Lys Ala
129     370     375     380
131     Lys Thr Asp His Gly Ala Glu Ile Val Tyr Lys Ser Pro Val Val Ser
132     385     390     395     400
134     Gly Asp Thr Ser Pro Arg His Leu Ser Asn Val Ser Ser Thr Gly Ser
135     405     410     415
137     Ile Asp Met Val Asp Ser Pro Gln Leu Ala Thr Leu Ala Asp Glu Val

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138			420				425		430
140	Ser	Ala	Ser	Leu	Ala	Lys	Gln	Gly	Leu
141			435				440		

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/640,737

DATE: 08/29/2000

TIME: 13:03:15

Input Set : A:\36668seq.txt

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L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]